BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

1st PART BILL

Bruhat Bengaluru Mahanagara Palike

BYATARAYANAPURA DIVISION

TOTAL ABSTRACT

Name Of work : - Improvements to Roads,drains,footpath and park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 1st and Part Bill

Measurements recorded on

BOQ Item No	Description	Unit		Qty	Rate	Amount	Remarks
1	**KSRRB M200-13.1. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. II. By mechanical means, A. Cement concrete Grade M-15 & M-20 (P.No.137, I.No.18.20 of PW,P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			0.00			
	Lottegollahalli Main Road			22.00			
	Devinagara Main Road			0.00			
	Present Qty			22.00			
	Total			**22.00**			
	BOQ qty			73.60			
	TOTAL	Cum		**22.00**	**488.86**	**10752.48**	
2	**Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			401.38			
	Lottegollahalli Main Road			81.00			
	Devinagara Main Road			0.00			
	Present Qty			482.38			
	Total			**482.38**			
	BOQ qty			10125.29			
	TOTAL	Sqm		**482.38**	**84.48**	**40751.46**	
3	**Removing & Resetting of Footbath slab**						
	LKR Nagara Main Road			0.00			
	Lottegollahalli Main Road			0.00			
	Devinagara Main Road			370.98			
	Present Qty			370.98			
	Total			**370.98**			
	BOQ qty			2231.91			
	TOTAL	Sqm		**370.98**	**138.94**	**51543.96**	
4	**KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			906.68			
	Lottegollahalli Main Road			592.94			
	Devinagara Main Road			494.96			
	Present Qty			1994.58			
	Total			**1994.58**			
	BOQ qty			16048.83			
	TOTAL	Cum		**1994.58**	**202.30**	**403502.93**	

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Assistant Engineer W.38

Assistant Executive Engineer

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5	**KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)**						
	LKR Nagara Main Road			76.08			
	Lottegollahalli Main Road			90.30			
	Devinagara Main Road			42.70			
	Present Qty			209.07			
	Total			**209.07**			
	BOQ qty			842.36			
	TOTAL	Cum		**209.07**	**5608.71**	**1172624.22**	
6	**Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17**						
	LKR Nagara Main Road			213.54			
	Lottegollahalli Main Road			150.04			
	Devinagara Main Road			125.92			
	Present Qty			489.50			
	Total			**489.50**			
	BOQ qty			1600.67			
	TOTAL	Cum		**489.50**	**11568.66**	**5662887.99**	
7	**KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			17.70			
	Lottegollahalli Main Road			21.35			
	Devinagara Main Road			0.00			
	Present Qty			39.05			
	Total			**39.05**			
	BOQ qty			**76.55**			
	TOTAL	Sqm		**39.05**	**256.76**	**10026.48**	
8	**KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			105.54			
	Lottegollahalli Main Road			140.04			
	Devinagara Main Road			0.00			
	Present Qty			245.58			
	Total			**245.58**			
	BOQ qty			551.16			
	TOTAL	Sqm		**245.58**	**325.67**	**79978.04**	

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9	**Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges) Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			31.63			
	Lottegollahalli Main Road			42.90			
	Devinagara Main Road			0.00			
	Present Qty			74.53			
	Total			**74.53**			
	BOQ qty			238.30			
	TOTAL	**Cum**		**74.53**	**6534.60**	**487040.07**	
10	**KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work**						
	LKR Nagara Main Road			12.13			
	Lottegollahalli Main Road			11.02			
	Devinagara Main Road			6.39			
	Present Qty			29.54			
	Total			**29.54**			
	BOQ qty			89.33			
	TOTAL	**MT**		**29.54**	**62300.47**	**1840355.88**	
11	**Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			528.03			
	Lottegollahalli Main Road			232.20			
	Devinagara Main Road			223.38			
	Present Qty			983.61			
	Total			**983.61**			
	BOQ qty			3672.20			
	TOTAL	**Sqm**		**983.61**	**867.87**	**853645.61**	
12	**KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			3030.00			
	Lottegollahalli Main Road			1593.00			
	Devinagara Main Road			1245.00			
	Present Qty			5868.00			
	Total			**5868.00**			
	BOQ qty			10164.00			
	TOTAL	**Rmt**		**5868.00**	**38.90**	**228265.20**	
13	**Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTD SR 2016-17)**						
	LKR Nagara Main Road			909.00			
	Lottegollahalli Main Road			286.74			
	Devinagara Main Road			224.10			

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	Present Qty			1419.84			
	Total			**1419.84**			
	BOQ qty			3079.50			
	TOTAL	**Sqm**		**1419.84**	**605.78**	**860110.68**	
20	**Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**						
	LKR Nagara Main Road			0.00			
	Lottegollahalli Main Road			0.00			
	Devinagara Main Road			131.94			
	Present Qty			131.94			
	Total			**131.94**			
	BOQ qty			4131.99			
	TOTAL	**Sqm**		**131.94**	**1780.52**	**234921.81**	
21	**Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)**						
	LKR Nagara Main Road			53.10			
	Lottegollahalli Main Road			82.35			
	Devinagara Main Road			0.00			
	Present Qty			135.45			
	Total			**135.45**			
	BOQ qty			564.90			
	TOTAL	**Sqm**		**135.45**	**4995.53**	**676644.54**	
22	**Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)**						
	LKR Nagara Main Road			1142.00			
	Lottegollahalli Main Road			537.00			
	Devinagara Main Road			917.00			
	Present Qty			2596.00			
	Total			**2596.00**			
	BOQ qty			6690.00			
	TOTAL	**nos**		**2596.00**	**347.90**	**903148.40**	
25	**KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)**						
	LKR Nagara Main Road			331.15			
	Lottegollahalli Main Road			185.47			
	Devinagara Main Road			520.48			
	Present Qty			1037.11			
	Total			**1037.11**			
	BOQ qty			2389.63			
	TOTAL	**Cum**		**1037.11**	**162.28**	**168301.40**	

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